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Kircuit CMK-215 / H.264 DVR Adapter

Kircuit 12V AC/DC Power Adapter User Manual

For Quattromed III Limited Edition CMK-215 and EverPro H.264 Digital Video Recorders

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit 12V AC/DC Power Adapter. This adapter is designed to convert standard AC power into the DC power required by compatible devices, specifically the Quattromed III Limited Edition CMK-215 and EverPro H.264 Digital Video Recorders. It serves as a reliable power source for operating your device or charging its battery from electrical outlets.

The Kircuit adapter is built with dynamic IC, charger IC, and a power fuse for rapid charging and overcharge protection, ensuring the safety and longevity of your connected devices.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or damage to the product or connected devices.

- Use only with devices specified as compatible.
- Do not expose the adapter to water, rain, or excessive moisture.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Ensure the power outlet voltage matches the adapter's input voltage (100V-240V AC).
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Kircuit 12V AC/DC Power Adapter (Power Brick with DC output cable)
- AC Input Power Cord (2-pin)



Figure 3.1: The Kircuit 12V AC/DC Power Adapter, showing the main adapter unit and the detachable AC input power cord.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Kircuit power adapter:

1. **Connect the AC Power Cord:** Take the 2-pin AC input power cord and connect its female end firmly into the corresponding port on the Kircuit power adapter unit.
2. **Connect to Device:** Plug the barrel connector (DC output plug) from the adapter's attached cable into the power input port of your compatible device (e.g., Quattromed CMK-215 or EverPro H.264 DVR). Ensure a secure connection.
3. **Plug into Wall Outlet:** Insert the male end of the AC power cord into a standard electrical wall outlet (100V-240V AC).
4. **Verify Power:** A small indicator light on the adapter (if present) may illuminate, indicating it is receiving power. Your device should now be powered or begin charging.



Figure 4.1: The Kircuit power adapter connected to a wall outlet, ready to power your device.

5. OPERATING INSTRUCTIONS

Once properly set up, the Kircuit 12V AC/DC Power Adapter operates automatically:

- When connected to a power outlet and a compatible device, the adapter will supply the necessary 12V DC power.
- For devices with rechargeable batteries, the adapter will charge the battery while simultaneously powering the device.
- The built-in overcharge protection ensures that your device's battery is not damaged by excessive charging.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Kircuit power adapter, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect the adapter from all power sources and devices before cleaning. Use a soft, dry cloth to

wipe the exterior. Do not use liquid cleaners or solvents.

- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the cables and connectors for any signs of wear, fraying, or damage. If any damage is observed, discontinue use immediately and replace the adapter.

7. TROUBLESHOOTING

If you encounter issues with your Kircuit power adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not powering on/charging.	Loose connection, faulty outlet, incompatible device, damaged adapter.	Ensure all cables are securely connected. Test the wall outlet with another device to confirm it's working. Verify your device is compatible with a 12V DC power supply and barrel plug connector. Inspect the adapter and cables for visible damage. If damaged, replace the adapter.
Adapter feels excessively hot.	Overload, poor ventilation, internal fault.	Disconnect the adapter immediately. Ensure the adapter is in a well-ventilated area and not covered. If overheating persists, discontinue use and replace the adapter.
Flickering power indicator on device.	Unstable power supply, loose connection.	Check all connections for tightness. Try a different wall outlet. Ensure the device's power input port is not damaged.

If the problem persists after trying these solutions, please contact the seller or manufacturer for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the Kircuit 12V AC/DC Power Adapter:

Brand	Kircuit
Manufacturer	Shenzhen Waweis Technology Co., Ltd
Input Voltage	100-240V AC
Output Voltage	12V DC
Connector Type	Barrel Plug
Main Power Connector Type	2 Pin (for AC cord)

Compatible Devices	Quattromed III Limited Edition CMK-215, EverPro H.264 Digital Video Record DVR
Special Feature	Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.
Color	Black



Figure 8.1: Dimensions of the Kircuit power adapter unit and cable lengths.



Figure 8.2: Detailed view of the AC input plug and the DC output barrel connector.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support, please refer to the documentation provided by your retailer or contact the seller directly. Specific warranty terms may vary depending on the point of purchase.